DOCUMENT RESUME

ED 407 927 IR 018 317

AUTHOR	Morgan, Nancy A.
TITLE	An Introduction to Internet Resources for K-12 Educators. Part I: Information Resources, Update 1997. ERIC Digest.
INSTITUTION	ERIC Clearinghouse on Information and Technology, Syracuse, NY.
SPONS AGENCY	Office of Educational Research and Improvement (ED), Washington, DC.
REPORT NO	EDO-IR-97-03
PUB DATE	Apr 97
NOTE	4p.; For 1997 Update Part II, see IR 018 318. For 1996 Updates, see ED 391 460 (Part I), and ED 391 461 (Part II).
CONTRACT	RR93002009
AVAILABLE FROM	ERIC Clearinghouse on Information and Technology, 4-194 Center for Science and Technology, Syracuse University, Syracuse, NY 13244-4100 (free while supply lasts).
PUB TYPE	Guides - Non-Classroom (055) -- ERIC Publications (071)
EDRS PRICE	MF01/PC01 Plus Postage.
DESCRIPTORS	*Educational Resources; Educational Technology; Elementary Secondary Education; Grants; Information Networks; *Information Sources; *Internet; Lesson Plans; Library Catalogs; Policy Formation; Reference Services; Standards; State Departments of Education; Student Projects; Technological Advancement
IDENTIFIERS	Electronic Books; ERIC Digests; Listservs; Pen Pals; Technology Plans

ABSTRACT

The Internet is an international computer network composed of thousands of smaller networks. State and regional education networks and commercial providers have made the vast resources of the Internet increasingly available to administrators, school library media specialists, and classroom teachers. This updated digest lists a selection of no-cost Internet resources of particular interest for K-12 educators. Topics include: guides to Internet resources; lesson plans; keypals and penpals; acceptable use policies; technology plans; Internet projects for the classroom; grant information; federal government information; state education departments; standards-based education; online reference resources; library catalogs; and other resources. (SWC)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED 407 927

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)
☐ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

An Introduction to Internet Resources for K-12 Educators

Part I: Information Resources, Update 1997

An ERIC Digest

by Nancy Morgan

BEST COPY AVAILABLE

IR018317

Clearinghouse on Information & Technology

ERIC DIGEST

April 1997

EDO-IR-97-03

An Introduction to Internet Resources for K-12 Educators Part I: Information Resources, Update 1997

by Nancy A. Morgan

The Internet is an international computer network composed of thousands of smaller networks. Recently, through state and regional education networks and commercial providers, the vast resources of the Internet are increasingly available to administrators, school library media specialists, and classroom teachers. This digest lists a sample of no cost Internet resources of special interest to K-12 educators.

Readers should be aware that the resources and their Internet addresses below are subject to change.

Guides to Internet Resources:

- **The Argus Clearinghouse:** A large collection of guides to Internet resources categorized by topic.
  ✎ http://www.clearinghouse.net/
- **AskERIC InfoGuides:** Topical guides to Internet, ERIC, and print resources.
  ✎ http://ericir.syr.edu/Virtual/InfoGuides/

Lesson Plans:

- **The AskERIC Virtual Library** contains hundreds of lesson plans, including, but not limited to, language arts, mathematics, social studies, and science. Also included are lesson plans from *School Library Media Activities Monthly, Newton's Apple Educators Guides*, and *Crossroads: K16 American History Curriculum.*
  ✎ http://ericir.syr.edu/Virtual/Lessons/

Keypals and Penpals:

- **IECC—Intercultural E-mail Classroom Connections** maintains a suite of listservs that facilitate international and cross-cultural classroom exchanges via e-mail over the Internet. Archives and general information can be found on the St. Olaf's WWWserver.
  ✎ http://www.stolaf.edu/network/iecc/

Acceptable Use Policies:

Many schools which provide Internet access to students and staff have created policies and agreements for the appropriate use of Internet accounts. Samples of agreements, policies and opinion pieces have been collected at:

- **Armadillo's WWW Server.**
  ✎ http://chico.rice.edu/armadillo/Rice/Resources/acceptable.html

Technology Plans for K-12 Schools:

- **The National Center for Technology Planning** collects technology plans and makes them freely available over the Internet. Guidebooks and articles for developing technology plans are also included.
  ✎ http://www2.msstate.edu/~lsa1/nctp/index.html

Internet Projects for the Classroom:

Examples of telecommunication projects that incorporate the use of the Internet in the classroom can be found on the following sites:

- **Global SchoolNet Foundation:** Internet Projects Registry Archive Service.
  ✎ http://www.gsn.org/gsn/proj/index.html
- **Pitsco Online Collaborative Projects:**
  ✎ http://www.pitsco.com/pitsco/collab.html

Grant Information:

- **U.S. Department of Education Grants & Contracts Information:** Includes current Grant Application Announcements.
  ✎ http://gcs.ed.gov/
  Select "Grants Information"
- **Foundation Center:** Provides a searchable database of funding activities as well as links to private or corporate foundations' Web sites.
  ✎ http://fdncenter.org/

Federal Government Information:

- **Louisiana State University Libraries U.S. Federal Government Agencies Page:**
  ✎ http://www.lib.lsu.edu/gov/fedgov.html

- **The Federal Web Locator,** from the Villanova Center for Information Law and Policy.
  ✎ http://www.law.vill.edu/fed-agency/fedwebloc.html

State Education Departments:

This is a sample list of state departments of education Internet sites.

- **California Department of Education:**
  ✎ http://goldmine.cde.ca.gov/
- **Michigan Department of Education:**
  ✎ http://www.mde.state.mi.us/
- **North Carolina Department of Public Instruction:**
  ✎ http://www.dpi.state.nc.us/
- **Vermont Department of Education:**
  ✎ http://www.state.vt.us/educ/

Standards-Based Education:

- **The Mid-Continental Regional Educational Laboratory (McREL)** is recognized for its work in standards-based education. This WWW site includes several full-text online resources that will assist educators in developing their own standards-based curriculum.
  ✎ http://mcrel.org/standard.html

Reference Resources:

- **The Libraries of Purdue University:** The Virtual Reference Desk: An extensive collection of online ready reference resources, such as dictionaries, thesauri, phone books and zip codes.
  ✎ http://thorplus.lib.purdue.edu/reference/index.html

Library Catalogs:

- **webCATS**, from the University of Saskatchewan Libraries is a directory of library catalogs which can be searched via the Web. webCATS is organized for searching geographically, by type of library, and by library catalog vendor.
  ✎ http://library.usask.ca/hywebcat/
- **Library of Congress:** Provides access to the holdings of the Library of Congress, U.S. Government copyright files, federal legislation, foreign law, and gateway access to many other library catalogs.
  ✎ http://lcweb.loc.gov/catalog/

Other Resources:

Hundreds of resources covering almost every subject imaginable exist on the Internet. Here are some additional ones that would be of special interest to K-12 educators.

- **ACCESS ERIC:** Gateway to the Internet sites of the Educational Resources Information Center (ERIC).
  ✎ http://www.aspensys.com/eric/index.html
- **Consortium for School Networking (CoSN):**
  ✎ http://www.cosn.org/
- **NASA Spacelink:** Information about NASA, including the space shuttle program, and science curriculum activities.
  ✎ http://spacelink.msfc.nasa.gov
  ✎ http://spacelink.msfc.nasa.gov/home.index.html
- **Roadmap: An Internet Training Workshop.**
  ✎ http://ua1vm.ua.edu/~crispen/roadmap.html
- **Web 66:** A K-12 WWW Project from the University of Minnesota.
  ✎ http://web66.coled.umn.edu/
- **Yahoo:** A hierarchical subject-oriented catalog for the World Wide Web and Internet.
  ✎ http://www.yahoo.com/

References and Readings:

AskERIC Toolbox: favorite resources of AskERIC's Question-Answering service: http://ericir.syr.edu/Qa/Toolbox/

Junion-Metz, G. (1996). *K-12 resources on the Internet: An instructional guide. Internet workshop series, number 5.* San Carlos, CA: Library Solutions Press. (ISBN-1-882208-14-5). (ED 389 316)

K-12 computer networking. (1995). *The ERIC Review, 4*(1) (ED 392 413)

Lankes, R. D. (1996). *Bread and butter of the Internet. ERIC Digest.* Syracuse, NY: ERIC Clearinghouse on Information & Technology. (ED number pending, IR-97-02)

Miller, E. B. (1996). *The Internet resource directory for K-12 teachers and librarians, 95/96 edition.* Englewood, CO: Libraries Unlimited, Inc. (ISBN-1-56308-366-3). (ED 389 330)

Serim, F. & Koch, M. (1996). *NetLearning: Why teachers use the Internet.* Sebastopol, CA: Songline Studios, Inc. and O'Reilly & Associates, Inc., (ED 396 700)

Tennant, R. (1996). *Internet basics: Update 1996. ERIC Digest.* Syracuse, NY: ERIC Clearinghouse on Information & Technology. (ED 392 466)

Valauskas, E. J. & Ertel, M. (1996). *The Internet for teachers and school library media specialists: Today's applications, tomorrow's prospects.* New York, NY: Neal-Schuman Publishers, Inc. (ISBN-1-55570-239-2). (ED 395 594)

This ERIC Digest was prepared by Nancy A. Morgan, AskERIC Coordinator for the ERIC Clearinghouse on Information & Technology at Syracuse University. nmorgan@ericir.syr.edu

ERIC Digests are in the public domain and may be freely reproduced and disseminated.

ERIC Clearinghouse on Information & Technology, 4-194 Center for Science & Technology, Syracuse University, Syracuse, N.Y. 13244-4100; (315) 443-3640; FAX (315) 443-5448; e-mail: eric@ericir.syr.edu

This publication was prepared with funding from the Office of Educational Research and Improvement, U.S. Department of Education under contract no. RR93002009. The opinions expressed in this report do not necessarily reflect the positions of OERI or ED.